

**METHOD AND SYSTEM FOR THE
CLOCK SYNCHRONIZATION OF NETWORK TERMINALS**

ABSTRACT OF THE DISCLOSURE

5 A method and system for network terminal clock synchronization
includes determining a respective round trip delay time from a master terminal
to each slave terminal and offsetting the clock of each slave terminal by an
amount proportional to the respective determined round trip delay time such
that the master terminal and each of the slave terminals have substantially the
10 same point of reference in time. The method and system further include, in
response to a trigger signal, determining a respective offset between the master
clock of the master terminal and the clocks of each of the slave terminals and
offsetting the clocks of each of the slave terminals by an amount proportional to
the determined respective offset to synchronize the clocks of each of the slave
15 terminals to the master clock of the master terminal.